Fig. 1

In which market do you with to purchase?

| Temporary work ▽ |

Please define your needs from this list:

| Secretarial ▽ |

Period of work

Start date   **End date**

[15 ▽] [Nov ▽] [01 ▽]   [16 ▽] [Nov ▽] [01 ▽]

If this is not a solid period of work days please specify
days to be worked per week:

| **Mon** | **Tues** | **Wed** | **Thur** | **Fri** | **Sat** | **Sun** |
| O | O | O | O | O | O | O |

Daily work times

Start [14.30 ▽]   End [17.30 ▽]

Postalcode of place of work [M1 ▽]

| CANCEL | | SUBMIT |

1 / 19

Fig. 2

There are 15 sellers available for your specific booking

Ron Lanz $19.38	Sec. from ABC agency $19.45	Ally Wilmot $19.48
Sam Small $19.56	Mary Howard $20.43.	June James $20.45
Jane Harris $21.07	Ket Chan $21.56	Fiona Foo $22.00
Sec. from XYZ agency $22.08	Julie Good $22.10	Lesley Vine $22.10
Hazel Dean $22.89	Sue Potter $27.90	Anne Scully $35.98

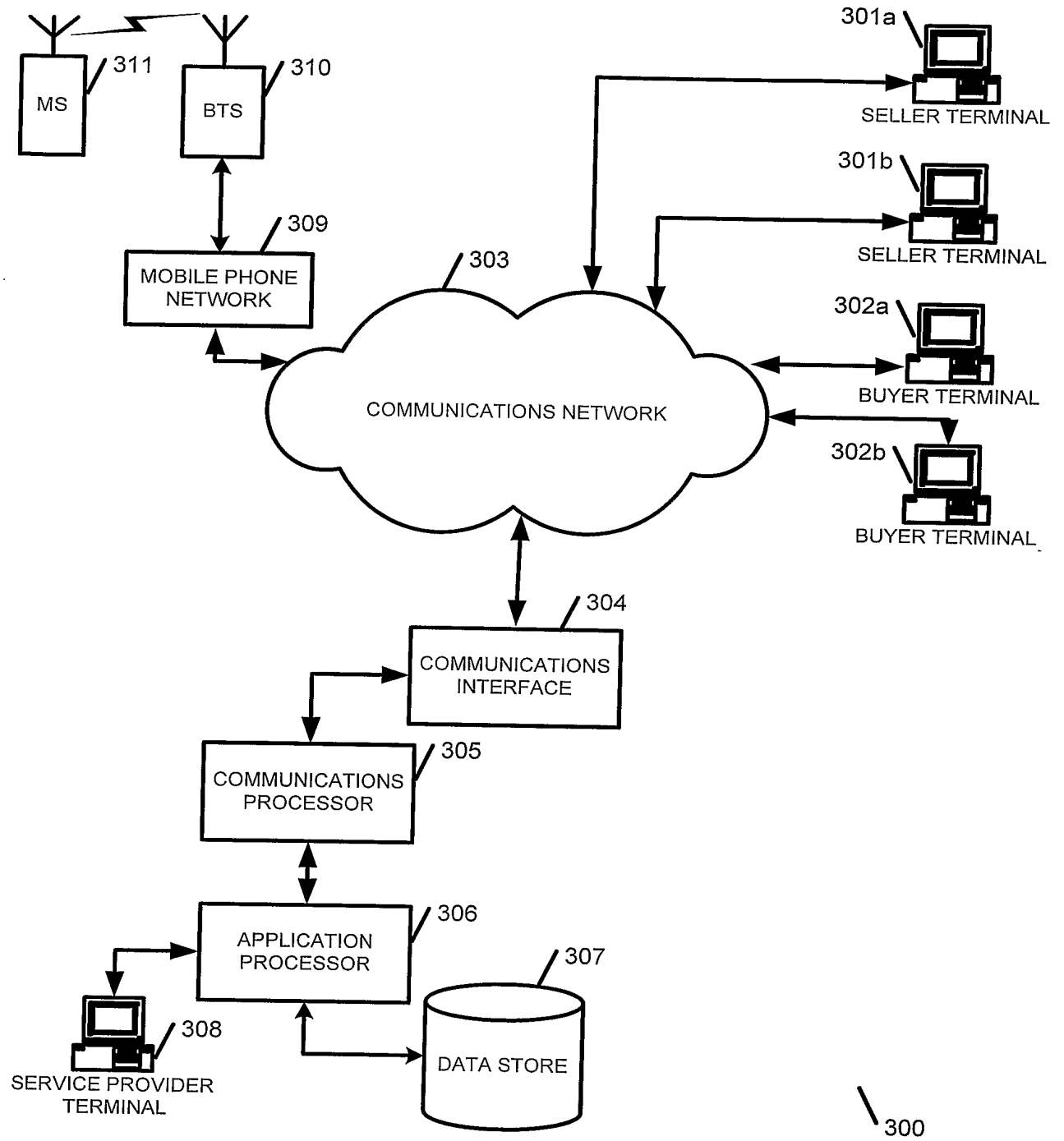Click on any seller(s) to make your selection. Then press submit.

SUBMIT

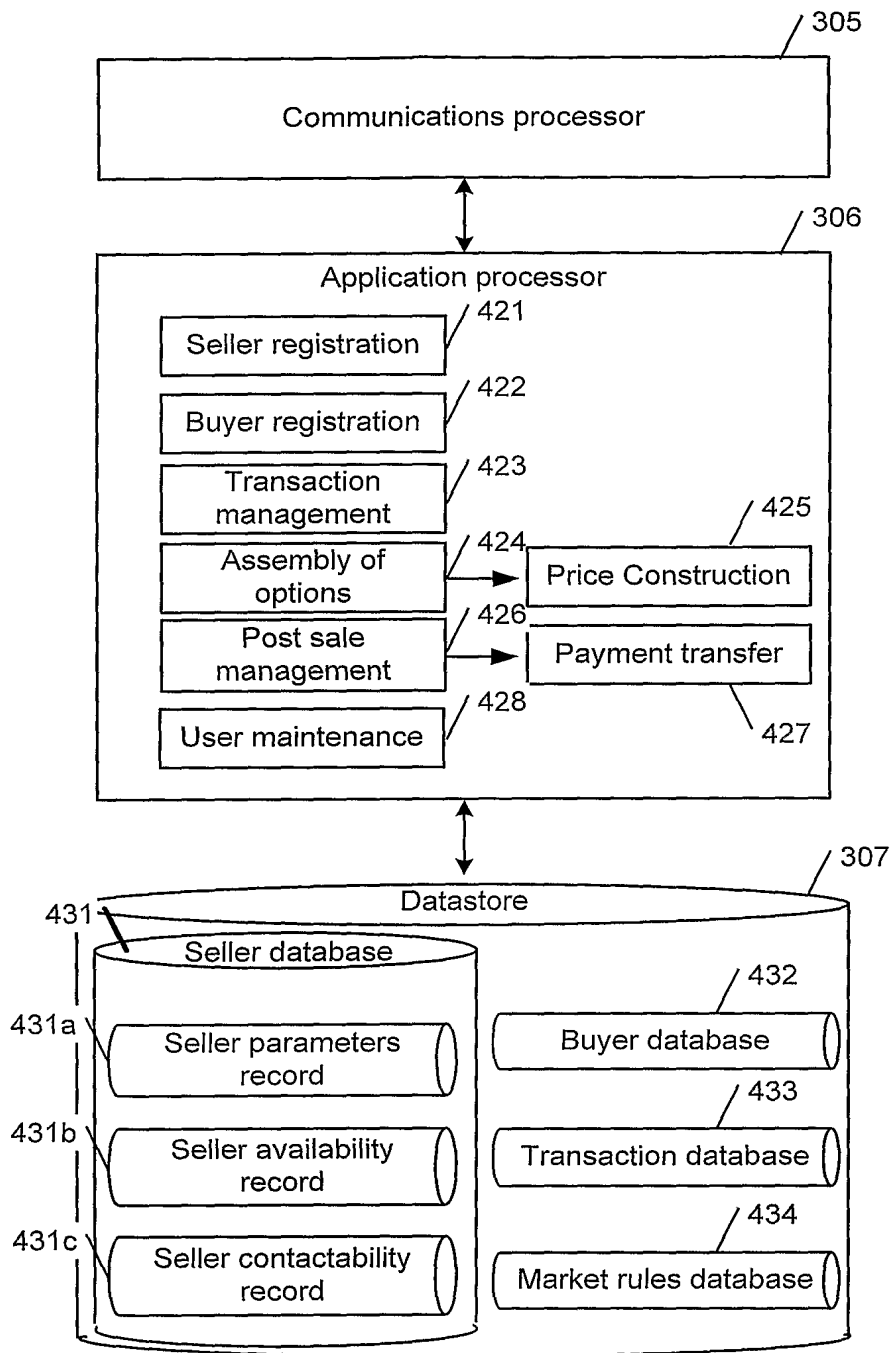**SUBSTITUTE SHEET (RULE 26)**
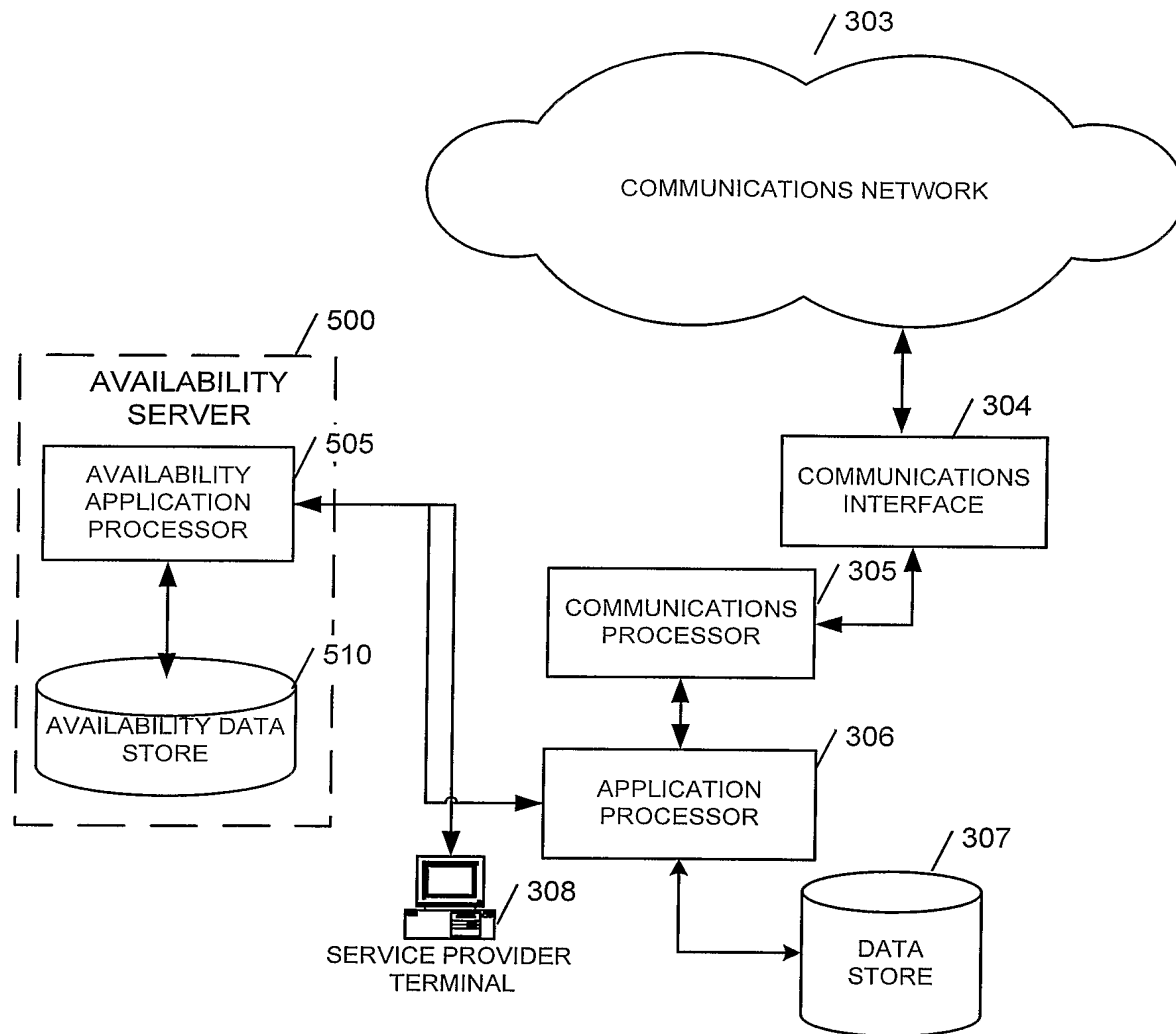
Fig. 3

MS 311

BTS 310

MOBILE PHONE NETWORK 309

SELLER TERMINAL 301a

SELLER TERMINAL 301b

BUYER TERMINAL 302a

BUYER TERMINAL 302b

COMMUNICATIONS NETWORK 303

COMMUNICATIONS INTERFACE 304

COMMUNICATIONS PROCESSOR 305

APPLICATION PROCESSOR 306

DATA STORE 307

SERVICE PROVIDER TERMINAL 308

300

3 / 19

Fig 4.

Fig 5a.

.

303

COMMUNICATIONS NETWORK

500

AVAILABILITY SERVER

505

AVAILABILITY APPLICATION PROCESSOR

510

AVAILABILITY DATA STORE

304

COMMUNICATIONS INTERFACE

305

COMMUNICATIONS PROCESSOR

306

APPLICATION PROCESSOR

307

DATA STORE

308

SERVICE PROVIDER TERMINAL

Fig 5b.

/ 500

Availability Server

/ 505

Availability Application Processor

| AVAILABILITY MANAGEMENT MODULE | / 515 |

| AVAILABILITY SEARCH MODULE | / 520 |

| POST-PURCHASE MODULE | / 525 |

| AVAILABILITY ANALYSIS MODULE | / 530 |

| SWEEPS MODULE | / 535 |

| SELLER MONITORING MODULE | / 540 |

/ 510

Availability Datastore

| AVAILABILITY RULES STORE | / 550 |

| SELLER DATABASE EXTENSIONS | / 555 |

| ENHANCED AVAILABILITY STORE | / 560 |

| HISTORICAL DATASTORE | / 565 |

| EXTERNAL VARIABLES DATASTORE | / 570 |

| OPERATOR INPUTS STORE | / 575 |

6 / 19

Fig 6.

CODE FOR THIS RULE	Column A	Column B	Column C	Column D	Column E
	My willingness to sell at the defined times is dependant on:	*Particularly*	*Under this rule I am only available if...*	*My specific requirements are:*	**Mandatory actions triggered by this rule**
CP01	Changed parameters for my availability	TAKES USER TO A NEW PARAMETER INPUT PAGE			User must complete a further Selling Parameters screen
P01	The particular purchase	Who the buyer is	...the purchase is by one of the following buyers: [SELECT BUYERS]		
P02		The agency / portal representing the buyer	...the purchase is by a buyer from one of the following agencies / portals: [SELECT AGENCIES / PORTALS]		Obtain authorisation from administrators of selected agencies / portals if there is no existing link such as seller registration through that agency/portal
P03		Grade of buyer	..... the buyer is [ABOVE or BELOW] grade [SELECT GRADE]		
P04		Profile of buyer	....the buyer has indicated in their profile that they are.... [OFFER PROFILE OPTIONS]		
P05		Other people I want to sell with as equals	...the buyer will hire me as a package with [SELECT MARKET] [SELECT SELLER] (this can include multiple options plus "or" options with a minimum and maximum number defined)		Obtain authorisation from other seller(s)
P06		Other people I want to work with as a formal team for a sale	...the buyer will hire a team to work for me selected from: [SELECT SELLER] (this can include multiple options plus "or" options with a minimum and maximum number defined)		Obtain authorisation from other seller(s)
P07		I need to purchase something before I can offer to sell	...the price paid by the buyer includes my requirement in the following market sector [SELECT SECTOR]. The cost is [TO BE ADDED TO MY PRICE FOR THE SELLER or NOT ADDED TO MY PRICE FOR THE SELLER]	Requirement defined by (a) overlap with booking (b) location – if not place of sale (c) define minimum grade of seller	

Fig 6. (cont.)

P08		If I will travel during the transaction, am I likely to get a paired sale to bring me back near my base?	....there needs to be a likelihood of at least [SELECT NUMBER] return purchases per [SELECT TIMEFRAME eg "hour"] that would bring me back to my base work area		Verification: only one of geography dependant rules (eg: P08, E03 and M03) can be in force at any time. They can not be merged.
P09		only if this availability is required to enable a large purchase	.....at least [SELECT PERCENTAGE] of the purchase is covered by my other availability		
P10		I will lose too much potential for other sales by being bought for a particular purchase	...a particular purchase takes more than [SELECT PERCENTAGE] of my availability within Any given [SELECT TIMEFRAME eg "day"]	If this rule is activated [I AM NOT AVAILABLE or I AM AVAILABLE AT A PRICE INCREASE OF (SELECT)%]	
P11		I can only be available if someone else is NOT working	.....[SELECT SELLER] is not working at the time of the purchase. (NB: can include "or" options) Cancel other seller's availability if you are purchased?		Obtain authorisation from other seller(s)
P12		I will sell to anyone who has a voucher I have approved	....the codes input by the buyer match [INPUT CODES] each voucher can be used for [SELECT NUMBER] of purchases or voucher expires on [DATE]. Vouchers apply to [SELECT MARKET]. Under this rule [I AM ONLY AVAILABLE FOR VOUCHER HOLDERS or MY ADDITIONAL PARAMETERS AND PRICING FOR VOUCHER HOLDERS IS AS DEFINED BELOW]		
M01	My market activity	My recent earnings	.... my earnings in the period since [DEFINE TIMESPAN – eg "4 weeks" OR DEFINE START DATE/TIME] have been [LESS or MORE] than [DEFINE AMOUNT]	I want my targets pooled with [SELECT SELLER]	If pooled targets selected the authorisation of the other seller must be obtained by email.
M02		My recent units sold	.... my units of sale in the period since [DEFINE TIMESPAN – eg "4 weeks" OR DEFINE START DATE/TIME] have been [LESS or MORE] than [DEFINE NUMBER OF UNITS]	I want my targets pooled with [SELECT SELLER]	If pooled targets selected the authorisation of the other seller must be obtained by email.
M03		Keeping travel between bookings to a minimum by moving my base postalcode to the location of each booking	...my base postalcode after a booking is moved to the location of that booking assuming an average time I spend at the final location of my jobs of [SELECT TIME PERIOD eg "1 hour"]		Verification: only one of geography dependant rules (eg: P08, E03 and M03) can be in force at any time. They can not be combined.

Fig 6. (cont.)

M04		I have been available but not been purchased in the preceding period	...I worked less than [DEFINE PERIOD eg "4 hours"] in the [DEFINE PERIOD eg "12 hours"] before this period. Switch to this rule [DEFINE PERIOD eg "3 hours"] before availability starts		Advance sweep is triggered at the appropriate time with change to Availability diary if no sales met.
E01	Events outside any particular transaction	Number of available sellers in my market dropping	....the market in my area falls below [SELECT PERCENTAGE] of average sellers for a particular [DEFINE TIME PERIOD: eg "day"] over [DEFINE HISTORICAL PERIOD eg "last 4 weeks"]		
E02		Prices in my market (s) are rising	....prices in my area rising above [SELECT PERCENTAGE] in the last [DEFINE TIME PERIOD eg "hour"] compared to prices in the period [DEFINE HISTORICAL PERIOD eg: week"]		
E03		Extend my area of willingness to sell in line with demand	.... utilization within [SELECT DISTANCE] of [SELECT POSTALCODE] falls below [SELECT PERCENTAGE] I will sell there [AS WELL or INSTEAD]	This rule only applies if utilisation in my defined selling area is above [SELECT PERCENTAGE]	Verification: only one of geography dependant rules (eg: P08, E03 and M03) can be in force at any time. They can not be combined.
E04		Patterns in other markets	...the number of purchases in my defined market rise more than [SELECT PERCENTAGE] over [DEFINE TIME PERIOD] compared to [DEFINE HISTORICAL PERIOD]	Offer Screen illustrated by Fig 1 to allow user to define parameters of sales to which this rule is to apply. (eg "travel to specified location)	
E05		Events outside the markets	.....the record for [SELECT VARIABLE] showing that at the time of purchase [SELECT FACTOR]		
E06		My location	....the work/sale is immediate and within [SELECT FIGURE] of miles of my location as read from my [SELECT DEVICE]		During-availability sweep triggered by this rule: location is updated in Availability Diary constantly while rule is in force
F01	Making a sale on time	I want my offering re-sold if there is insufficient buyers	....the number of units sold is below [SELECT NUMBER] within [DEFINE NUMBER OF HOURS] of the availability [CHOSE PERIOD eg "day"] beginning I wish to resell my offering providing I can obtain [SELECT PERCENTAGE] of the total value within [DEFINE TIME PERIOD]		Advance sweep triggered by this rule: sales record in TRANSACTION DATABASE 433 is checked at the time specified. Verification: Only one deadline specific rule, eg F01/F02 can be applied to a period

9 / 19

SUBSTITUTE SHEET (RULE 26)

Fig 6. (cont.)

F02		I want my offering unbundled if there is no buyer for the bundle	.....I have not made a sale within [DEFINE NUMBER OF HOURS] of the availability [CHOSE PERIOD eg "day"] beginning I wish to break my offering up as specified.	Offer screen represented by Fig 1 which allows seller to offer components of their previous offering individually.	System monitoring triggered by this rule: sales record in TRANSACTION DATABASE 433 is checked at the time specified. If there are outstanding sales they are withdrawn and the unbundled version entered onto SELLER DATABASE 431 Verification: Only one deadline specific rule, eg F01/F02 can be applied to a period of availability.
F03		I want to change my availability/pricing rule if I have not had a purchase by a certain time	...... I have not made a sale within [DEFINE NUMBER OF HOURS] [BEFORE or AFTER THE START OF] the availability [CHOSE PERIOD eg "day"] beginning I wish to change my availability to [SELECT RULE]	Requires at least one other rule be stored for this user	System monitoring triggered by this rule: sales record in TRANSACTION DATABASE 433 is checked at the time specified. If there is no sale, availability for the PERIOD SELECTED within ENHANCED AVAILABILITY STORE 560 is changed to the new rule
D01	A decision I will make nearer the time	Availability I want to store provisionally			Display all availability under this rule faintly until it is confirmed. Display "confirm this availability" button.
D02		If I am contactable	......I have been active on my [DEFINE DEVICE] in the last [DEFINE TIME PERIOD eg: "5 minutes"] . This applies only to immediate jobs. Or: My cell phone has been returning a signal		May be determined by a during-availability sweep with current contactability recorded in availability diary
D03		A conversation with the buyer	....a buyer has contacted me by [SELECT CONTACT METHODS TO BE RELEASED TO BUYERS] more than [SELECT NUMBER] of hours before the period of availability and I have agreed to be available.		

10 / 19

SUBSTITUTE SHEET (RULE 26)

Fig 7.

| RULE BEING ENACTED | Actions at time of potential purchase (or times of sweep) | | | | |
| | Column A | Column B | Column C | Column D | Column E |
	Data source(s)	Data to be extracted	Calculation	Availability is dependant on...	Mandatory follow up action
CP01	ADDITIONAL PARAMETER RECORDS STORED IN SELLER DATABASE EXTENSIONS	Seller's relevant parameters	Does the present sale's parameters fall within the permissible parameters set by the seller?	Parameters of the sale falling within the seller's parameters	
P01	TRANSACTION FILE	Buyer identity		A match with selection made in Column C	
P02	TRANSACTION FILE	Agency identity		A match with selection made in Column C	
P03	TRANSACTION FILE BUYER DATABASE 432	Buyer's current Grade		Buyer grade matches or exceeds C column input	
P04	TRANSACTION FILE BUYER DATABASE 432	Buyer's profile		The profile options input in C column match those in Buyer's profile	
P05	SELLER AVAILABILITY RECORD 431B for named seller(s)	Availability for the period covered by this purchase		Other seller (s) required by entry in column C being available	Present sellers as a linked purchase on screen – if one is bought they must be all must be bought
P06	SELLER AVAILABILITY RECORD 431B for named seller(s)	Availability for the period covered by this purchase		Other seller (s) required by entry in column C being available	As above but the dominant seller is displayed prominently
P07	Trigger Asembly of Options Module 424	Cheapest available seller within parameters defined in by user.		The subsidiary purchase(s) being available and being reserved until it is clear whether this option will be purchased by the buyer	Build price of (subsidiary purchase(s) into offer price to buyer if that is user's choice
P08	TRANSACTION FILE SELLER PARAMETERS RECORD 431A TRANSACTION DATABASE 433	(a) end location of the transaction (b) seller's current base postalcode (C) number of historic transactions per SELECTED TIMEFRAME at the day/time of booking from (a) to (b)		The figure matching or exceeding the input in column C.	

Fig 7. (cont.)

P09	TRANSACTION FILE SELLER AVAILABILITY RECORD 431B – this seller	(a) blocks of units required for this purchase (b) this seller's standard availability for the days covered by above	What percentage of (a) can be met by (b)?	The figure matching or exceeding the input in Column C	
P10	TRANSACTION FILE SELLER AVAILABILITY RECORD 431B – this seller	(a) number of units required for each SELECTED TIMEFRAME of purchase (b) number of units this seller is showing availability for SELECTED TIMEFRAME of this purchase	(a) as a percentage of (b) for each SELECTED TIMEFRAME	Percentage does not exceed figure selected in Column C for any SELECTED TIMEFRAME	
P11	TRANSACTION FILE SELLER AVAILABILITY RECORD 431B – other seller	Is the other seller available but has no sales at the time of the sale?		Other seller available having no sales	If required: remove other seller's availability for duration of sale
P12	TRANSACTION FILE Seller Database Extensions DXB	(a) voucher code input by buyer (b) voucher codes stored against this seller (c) is voucher valid?		Presented voucher still being valid. A match between codes	Record use of voucher in seller records
M01	Seller(s)' accounts page(s)	Amount earned in period defined in column C		Amount being less/more than amount defined in column C	
M02	Seller(s)' accounts page(s)	Units sold in period defined in column C		Amount being less/more than amount defined in column C	
M03	None	None	None		Reset seller's base postalcode to that at end of each transaction for the specified period after sale.
M04	TRANSACTION DATABASE 433	This seller's record of sales in the DEFINED TIME PERIOD	Have required sales been made?	Required sales not having been made.	
E01	TRANSACTION DATABASE 433 TRANSACTION FILE	(a) number of sellers who were purchased per DEFINED TIME PERIOD in the DEFINED HISTORICAL PERIOD (b) number of sellers available for the present transaction	(b) as a percentage of (a)	Resulting percentage matching or exceeding the figure selected in column C.	
E02	TRANSACTION DATABASE 433	(a) seller's unit prices on all purchases in the area/market sector(s) in which this seller is willing to sell averaged over the DEFINED TIME PERIOD (b) seller's unit prices in same area/sector(s) averaged over the DEFINED TIME PERIOD	(b) as a percentage of (a)	Resulting percentage exceeding input in column C.	

12 / 19

Fig 7. (cont.)

E03	TRANSACTION DATABASE 433	(a) number of currently available for immediate work but unsold sellers in area defined in column c (b) number of sellers currently sold in above area (C) number of currently available for immediate work but unsold sellers in area defined in column d (d) number of sellers currently sold in above area	(b) as a percentage of (a) (d) as a percentage of (C)	First figure is below the input in column c and second figure is above input in column d	
E04	TRANSACTION DATABASE 433	(a) number of purchases in defined market / area over HISTORICAL PERIOD (b) number of purchases in defined market / area over DEFINED TIME PERIOD	(b) as a percentage of (a)	Percentage exceeding input in column C.	
E05	EXTERNAL VARIABLES DATASTORE 570	Record for the SELECTED VARIABLE		Is the SELECTED FACTOR a positive record?	
E06	CURRENT LOCATION INFORMATION TRANSACTION FILE SELLER PARAMETERS RECORD 431a	(a) location of seller (b) location required for delivery of service (C) seller's maximum travel distance from base postalcode	Distance from (a) to (b)	(C) being equal to or less than figure produced by calculation	
F01	TRANSACTION DATABASE 433 (for prices charged)	Move sold units into SELLER DATABASE 431 from DEFINED NUMBER OF HOURS before purchase commencement until DEFINED TIME PERIOD has elapsed. Price at SELECTED PERCENTAGE of total value.			Show the buyer this offering may be resold to another seller
F02	This rule does not produce availability but creates a change of offering to be applied to SELLER DATABASE 431.				
F03	This rule does not produce availability but creates a change of offering to be applied to SELLER DATABASE 431..				
D01	Availability in this rule is stored but ignored until it is confirmed (ie turned into a different rule)				
D02	Seller Database Extensions DXB Seller Monitoring Module 540	Is this an advance booking? Has user specified this rule apply to advance bookings? Is user currently contactable?	Are advance bookings requirements met?	Contactability established Advance requirements met	
D03	Seller Database Extensions DXB SELLER DATABASE 431	Period of time before availability in which details may be released Seller contact details	Is time of enquiry within the seller's permissible time before availability?	Enquiry is within permissible time	Details made available to buyer for offline conversation

13 / 19

Fig 8.

CREATE YOUR RULE	ACTIONS TO BE APPLIED WHEN YOU SELL UNDER THIS RULE

802a —

My willingness to sell at the defined times is dependent on:

[<select> ▼]

810a —

If I make a sale under this rule, apply the following changes to my records:

○ Cancel my availability
○ Change to rule   [<x> ▼]

    for a period of   [<0> ▼] hours

802b —

Particularly:

[<select> ▼]

Change my pricing for future transactions to:

[<raise> ▼] by [<0%> ▼]

    for a period of   [<0> ▼] hours

810b —

Under this rule I am only available to sell if:

The purchase is by one of the following buyers:

802c —

[<select buyer> ▼]

Make my contactability procedure:

[<standard> ▼]

    for a period of   [<0> ▼] hours

810c —

804a —

Under this rule my pricing is:

[<as normal> ▼]

804b —

Under this rule my selling parameters are:

[<as normal> ▼]

Make my acceptance procedure:

[<standard> ▼]

    for a period of   [<0> ▼] hours

810d —

806 —

My name for this rule is:

[   ]

812 —

[SUBMIT]

14 / 19

Fig 9.

Personal rule no. (902)	System rule no. (904)	Data check 1 (906)	Data check 2 (908)	Data check 3 (910)	ACTION (912)	Sweep point (914)	User's name for rule (916)
1	P11	User: bnj673fh					Sue has not got a job and can look after the children
2	E01	<80%	24 hours	12 weeks		Throughout availability	There's a shortage of taxis in town
3	CP01	This user's Parameters version: 06					Work around the middle of town only – no short notice bookings – extra 15%
4	M01	7 days	<$150				I've cleared less than $150 this week
5	E05	Meteorological / Birmingham "Rain"				Throughout availability	It's raining in Central Birmingham
6	E05	Meteorological / Birmingham "Rain"			Automated call to cell phone	Throughout availability	It's raining in Birmingham, Sue not working, I've made less than $150 this week. System will ring me.
	P11	User: bnj673fh					
	M01	7 days	<$150				
7	F03	This user's Parameters version: 03				1 hour before availability	If not sold by one hour before then drop price, enlarge distance.
8	M01	7 days	<$180				I've made less than $180 this week

15 / 19

Fig 10.

MY AVAILABILITY RULES

I am only available if...   / 1002

My rule 1   ...Sue has not got a job and can look after the children
My rule 2   ...there's a shortage of taxi's in town
My rule 3   ...work around the middle of town only – no short notice bookings – extra 15%
My rule 4   ...I've cleared less than $150 this week
My rule 5   ...it's raining in Central Birmingham
My rule 6   ...it's raining in Birmingham, Sue not working, I've made less than $150 this week, system calls to check first
My rule 7   ...if not sold by one hour before then drop price, enlarge distance.
My rule 8   ...I've made less than $180 this week

Create new rule: / 1004
[ ] from scratch   **[ ] by modifying an existing rule**   **[ ] by combining existing rules**

1004a   1004b   1004c

MY PERIODS OF AVAILABILITY

Displaying: week beginning: <14th April> ▼   1006b   / 1006

Max daily periods of availability <2> ▼

1006a

	Start:	End:	Availability:	Start:	End:	Availability:
MO	<00.00> ▼	<00.00> ▼	<standard> ▼	<00.00> ▼	<00.00> ▼	<standard> ▼
TU	<00.00> ▼	<00.00> ▼	<standard> ▼	<00.00> ▼	<00.00> ▼	<standard> ▼
WE	<00.00> ▼	<00.00> ▼	<standard> ▼	<00.00> ▼	<00.00> ▼	<standard> ▼
TH	<00.00> ▼	<00.00> ▼	<standard> ▼	<00.00> ▼	<00.00> ▼	<standard> ▼
FR	<00.00> ▼	<00.00> ▼	<standard> ▼	<00.00> ▼	<00.00> ▼	<standard> ▼
SA	<00.00> ▼	<00.00> ▼	<standard> ▼	<00.00> ▼	<00.00> ▼	<standard> ▼
SU	<00.00> ▼	<00.00> ▼	<standard> ▼	<00.00> ▼	<00.00> ▼	<standard> ▼

/ 1008

Capture this as my usual availability   Click for sales in this period   / 1012
Apply my usual availability

1010

SUBMIT   / 1014

Fig 11.

YEAR: 2008   WEEK NO.: 23   SELLER: Susan Elliott

/1102   /1104

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
M									S	S	S	S	S	S	S	S	4	4	4	2				
T									6	6	6	6	6	6	6	6	6	6						
W									S	S	S	S	S	S			3	3	3	3				
T							2	2	2	2	2	2	6	3	3	3	3	3	3	3				
F																								
S									5	5	5	5	5	5	5	5	5	5	5	5				
S									2	2	1	1	1	5	5	5	5	7	7	2				

17 / 19

Fig 12.

Build table of periods / 1202

↓

Search first unsearched period / 1204

↓

Read first unsearched rule / 1206

↓

Access data source(s) / 1208

↓

Extract required data / 1210

↓

Perform calculation (if required) / 1212

↓

Read availability requirements / 1214

↓

Seller available? / 1216

— NO → Exclude seller from options offered / 1232 → ENDS

YES ↓

Another rule to search? / 1218

YES → (back to Read first unsearched rule)

NO ↓

Another period to search? / 1220

YES → (back to Search first unsearched period)

NO →

Apply mandatory actions to Transaction File / 1222

↓

Apply user's actions to Transaction File / 1224

↓

Offer seller to buyer / 1226

↓

Seller purchased? / 1228

— NO → ENDS

YES ↓

Apply all actions in Transaction File / 1230 → ENDS

18 / 19

Fig 13.

Transaction No.:		/1302
Seller No.:		/1304

Availability Period No.	Times Covered	Rule governing availability	Available?	Unit price for this period	No. of units covered
	/1306	/1308	/1310	/1312	/1314	/1316
1			Y/N		
2			Y/N		
3			Y/N		
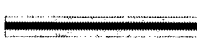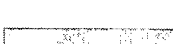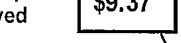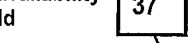
Fig 14.

<u>Display transactions covered by:</u> /1402

| Markets | \<all\> ▼ | /
| Availability rules | \<all\> ▼ |

| Display | \<all\> ▼ | times of day | /1404
| within | \<all\> ▼ | days of the week |
| between | \<select date\> ▼ | and | \<today\> ▼ |

GRADE	cheapest	2nd cheapest	3rd cheapest	4th cheapest	Below 4th cheapest

GRADE

6
5
4
3
2
1
Entry

/1406

1408

6
12   7
9

1410

| Av. unit price displayed | $9.37 | % availability cheapest | 28 | % availability sold | 37 |

1412a   1412b   1412c

19 / 19

SUBSTITUTE SHEET (RULE 26)